

**AMENDMENT****In the Specification:**

Please replace the substitute Sequence Listing (27 pages) as filed on October 26, 2001 with the second substitute Sequence Listing (29 pages) filed herewith.

**REMARKS**

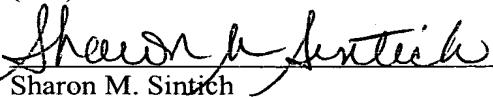
By the foregoing amendment to the specification, the applicants have replaced the substitute Sequence Listing with the second substitute Sequence Listing (submitted herewith) to comply with the requirements of 37 C.F.R. §§ 1.821-1.825. Also submitted herewith is the second Sequence Listing in a computer readable form, as well as a "Statement Pursuant to 37 C.F.R. §1.825" indicating the disclosures in the computer readable and paper forms are identical. The sequences set forth in SEQ ID NOS: 1-46 of the substitute and second substitute Sequence Listing are identical and, therefore, no new matter has been introduced with respect to these sequences.

The changes embodied in second substitute Sequence Listing pertain only to compliance with formatting rules and is not intended to substantially modify the application or its interpretation in any way. The following changes have been made in the second substitute sequences. All the recitations of symbol "Xaa" within SEQ ID NO: 25 are appropriately defined at identifier <223> pursuant to 37 C.F.R. §1.822(b)(1). The symbol "n" has been defined throughout SEQ ID NO: 37 at identifier <223> as "A or G or T or C" pursuant to 37 C.F.R. §1.822(b)(1). The symbol "Xaa" in SEQ ID NO: 38 has been defined at identifier <223> as "any or unknown amino acid" pursuant to 37 C.F.R. §1.822(b)(1). The symbol "Xaa" has been defined at position 2 of SEQ ID NO: 41 at the identifier <223> as [any amino acid but] "not proline" and is supported at page 13, lines 21-30. Finally, the second substitute sequence listing defined the Description of Artificial Sequence identifier <223> for SEQ ID NOS: 25 and 41 as sequences for Human MDC analog.

Respectfully submitted,

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